

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3257688	(vibrat\$6 deform\$6 bending shak\$3 flexing (butterfly adj mode\$1) resona\$5 accelerat\$5 achock\$2 collision\$1 impact\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:03
S2	7013049	(sens\$3 detect\$3 measur\$3 determin\$3 calculat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 08:00
S3	27008	accelerometer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 08:00
S4	131076	magnetic near2 tape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 08:01
S5	470157	S2 with S1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 08:03
S6	11905	S5 same S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 08:03
S7	13	S6 same S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 08:05
S8	199	S6 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 08:03
S9	97107	"360".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 08:05



EAST Search History

S10	7	S9 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 08:06
S11	23215	S9 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 08:06
S12	746	S11 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 08:06
S13	8	S12 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 08:06
S14	937065	((tape) near2 (drive apparatus)) (magnetic storage drive\$1 assembly) near2 (tape media medium device) (storage near2 drive\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:15
S15	131076	magnetic near2 tape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 14:06
S16	131076	S14 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:16
S18	1895488	head transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:19
S19	3257688	(vibrat\$6 deform\$6 bending shak\$3 flexing (butterfly adj mode\$1) resona\$5 accelerat\$5 achock\$2 collision\$1 impact\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 14:07
S20	7013049	(sens\$3 detect\$3 measur\$3 determin\$3 calculat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:17

EAST Search History

S21	470157	S20 with S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:17
S22	470157	S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:17
S23	32921	S18 same S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:19
S24	906	S16 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:19
S25	27008	accelerometer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:20
S26	104	S24 and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:20
S27	97107	"360".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:20
S28	6	S26 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:23
S29	52697	tape near6 drive	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:27
S30	906	S14 and S15 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:24

EAST Search History

S31	302	S30 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:25
S32	6	S31 and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:25
S33	44045	tape near3 drive	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:27
S34	14744	S33 same S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:27
S35	144	S34 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:28
S36	16	S35 and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:29
S37	3425	S27 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:30
S38	746	S37 and S14 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:30
S39	8	S38 and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:35
S40	2303	360/69.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:37

EAST Search History

S41	1038	360/70.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:37
S42	6765	360/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:37
S43	310	360/77.01.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:37
S44	370	360/77.12.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 12:37
S45	35	S15 and S21 and (S43 S44)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 13:12
S46	0	S45 and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 13:13
S47	3	(S43 S45) and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 13:37
S48	3	(S43 S44) and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 13:37
S49	74	(S42) and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 13:38
S50	3	S49 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 14:04

EAST Search History

S51	81	tape with S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 14:05
S52	48	S41 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 14:05
S53	61	S51 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 14:05
S54	2	S53 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 14:06
S55	23215	S15 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 14:06
S56	2255614	(vibrat\$6 flexing resona\$5 accelerat\$5 achock\$2 collision\$1 impact\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 14:07
S57	223490	S20 near3 S56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 14:09
S58	247	S55 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 14:09
S59	7	S58 and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 14:09
S60	29057	accelerometer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 08:02

EAST Search History

S61	2632432	vibration movement	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 08:04
S62	9509311	sens\$3 detect\$3 determin\$3 calculat\$3 estimat\$4 judg\$3 generat\$3 measur\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 08:04
S63	5011	S60 with S61 with S62	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 08:04
S64	137675	magnetic near2 tape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 08:05
S65	97	S63 and S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 08:05
S66	7	S63 same S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 08:08
S67	98699	"360".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 08:08
S68	8	S67 and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 08:08
S69	31067	accelerometer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:03
S70	144751	magnetic near2 tape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:04

EAST Search History

S71	31067	accelerometer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:04
S72	2720943	vibration movement	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:08
S73	9879263	sens\$3 detect\$3 determin\$3 calculat\$3 estimat\$4 judg\$3 generat\$3 measur\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:20
S74	5392	S71 with S72 with S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:08
S75	144751	magnetic near2 tape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:12
S76	7	S74 same S75	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:05
S77	9233376	head transport roller spool guide drive body frame	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:08
S78	133331	S77 with S72 with S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:11
S79	653203	vibration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:20
S80	37177	S77 with S79 with S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:11

EAST Search History

S81	656408	tape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:14
S82	410	S80 same S81	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:14
S83	203	S82 and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:19
S84	4	S83 and S71	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:18
S85	4	S83 and S71	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:18
S86	100381	"360".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:19
S87	96	S86 and S83	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:20
S88	7774252	sens\$3 detect\$3 determin\$3 calculat\$3 estimat\$4 judg\$3 measur\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:20
S89	779433	vibrat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:21
S90	23874	S88 with S89 with S77	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:21

EAST Search History

S91	210	S90 same S81	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:31
S92	118	S91 and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:31
S93	51	S92 and S86	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:31
S94	144751	magnetic near2 tape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 15:04
S95	9233376	head transport roller spool guide drive body frame	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 15:04
S96	656408	tape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 15:04
S97	100381	"360".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 15:04
S98	7774252	sens\$3 detect\$3 determin\$3 calculat\$3 estimat\$4 judg\$3 measur\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 15:04
S99	779433	vibrat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 15:04
S10 0	23874	S98 with S99 with S95	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 15:18

EAST Search History

S10 1	210	S100 same S96	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 15:04
S10 2	118	S101 and S94	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 15:04
S10 3	51	S102 and S97	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 15:04
S10 4	31067	accelerometer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 15:04
S10 5	34155	(S98 with S99) same S95	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 15:19
S10 6	521	S94 and S104	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 15:19
S10 7	65	S105 and S106	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 15:21
S10 8	9	(S100 same S104) and S94	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 10:00
S10 9	144915	magnetic near2 tape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 11:09
S11 0	9237850	head transport roller spool guide drive body frame	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 11:09

EAST Search History

S11 1	7779077	sens\$3 detect\$3 determin\$3 calculat\$3 estimat\$4 judg\$3 measur\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 11:09
S11 2	779945	vibrat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 11:09
S11 3	23899	S111 with S112 with S110	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 11:09
S11 4	31116	accelerometer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 11:09
S11 5	9	(S113 same S114) and S109	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 11:23
S11 6	7749	control\$4 with (head transducer) with (accelerat\$4 vibrat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 11:25
S11 7	82	S116 same S109	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 11:27
S11 8	1	S117 and S114	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 11:25
S11 9	21	S113 and S117	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 11:28